[redacted]
STAFF [redacted]
INCOMING MESSAGE

[redacted] (15 Dec 59) R/K/hph

[redacted]

[redacted]

PARAPHRASE NOT REQUIRED EXCEPT PRIOR TO CATEGORY B ENCRYPTION. SPECIALLY REMOVE ALL INTERNAL REFERENCES BY DATE TIME GROUP OR [redacted] CLASSIFICATION NO UNCLASSIFIED REFERENCE IF THE DTG IS QUOTED.

[redacted]

[redacted] USAF.

[redacted] FROM OPD 35020.

[redacted] AND AFCIN-1C. 4 PART MSG. PART I. REFERENCE PORTION [redacted] DAT MSG TO USAFSS, CITE 89361, DTD 9 NOV 59 (NOTAL) WHICH [redacted] QUOTE THE REQUIREMENT FOR A COMINT CAPABILITY AND ENCRYPTION [redacted] RECEIVING THE ACTION CONSIDERED APPROPRIATE BY THIS HQ AT THIS TIME. WHEN COMINT AND ENCRYPTION ARE INCLUDED IN SAMOS DEVELOPMENT, SAC AND AFSS WILL BE NOTIFIED SO REQUIRED PLANNING CAN BE INITIATED. UNQUOTE. PART II. IT IS RECOMMENDED THAT THE REQUIREMENT FOR ENCRYPTION OF COMINT OR COMINT - RELATED DATA FROM A SATELLITE BE WAIVED FOR THE INITIAL R&D FLIGHTS OF THE SAMOS VECHICLES. REQUEST YOUR CONCURRENCE. PART III. THIS HQ CONCURS WITH [redacted] DIRNSA AS OUTLINED IN FOLLOWING EXTRACT FROM HIS OCTOBER [redacted] TO [redacted], HEDUSAF. QUOTE. I FEEL THAT WE SHOULD NOT [redacted]

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[redacted]

[redacted] 15720 (15 Dec 59)

INTEGRATION OF COMINT INTO SUB-SYSTEM F THROUGH ANY INITIAL REQUIREMENTS FOR ENCRYPTION. ENCRYPTION OF ANY VARIETY OF COMMUNICATIONS SIGNALS WOULD BE DIFFICULT. PARA. IT SEEMS PROBABLE TO ME THAT 117L TRANSMISSIONS INITIALLY WILL BE EITHER DIGITAL PROFORMA MEASUREMENTS OR UNEDITED, UNANNOTATED REPEATS OF PORTIONS OF A VARIETY OF COMMUNICATIONS SIGNALS. SOME SECURITY FROM INTERCEPT WILL BE PROVIDED BY DISCRETE QUOTE DUMPING UNQUOTE. FOR SUCH TRANSMISSIONS AS ARE INTERCEPTED IT WOULD NOT BE CLEAR HOW THE INFORMATION COULD BE EXPLOITED BY US AND CONSEQUENTLY THE STIMULUS FROM THEM TO ENEMY COMSEC WOULD LIKELY BE ABOUT THE SAME ENCRYPTED OR UNENCRYPTED. PARA. WITH RESPECT TO THE AUTHENTICATION OF THE QUOTE DUMPING UNQUOTE SIGNAL I THINK THAT ALL AGREE TO THIS AS NECESSITY. [redacted] SHOULD BE CONSIDERED THE NSA PROJECT OFFICER ON THIS MATTER. UNQUOTE. PART IV. A REPRESENTATIVE OF AFBMD STATED INFORMALLY THAT, SO LONG AS THE USAFSS POSITION THAT ALL COMINT-RELATED DATA TRANSMITTED FROM A SATELLITE MUST BE ENCRYPTED REMAINED FIRM, INTEGRATION OF COMINT INTO SAMOS COULD NOT BE ACCOMPLISHED IN THE FORESEEABLE FUTURE. YOUR CONCURRENCE

[redacted] OF PRIMARY INTEREST.)

[redacted]

DEPARTMENT OF THE AIR FORCE
STAFF MESSAGE DIVISION
INCOMING MESSAGE

15720 (15 Dec 59)

WITH THE RECOMMENDATION IN PART TWO, THIS MSC, COULD BE OF ASSISTANCE

EXPEDITING THE INTEGRATION OF A COMINT CAPABILITY INTO THE SAMOS

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